

1948

Culture 1 - Tamazunchale - mossy bark crack XI-23-46 ESR

1 immature <sup>become ♂</sup> of *Oligonotia* with buds as antennae

1 mature female associated with mature male of *Biarmata*

" ~~✓~~ Some data 1 mature ♀ "rusty" sp.

" ~~✓~~ Some data <sup>immature</sup> 2 ♀, 1 2nd instar "rusty" sp.

" 4 *Chelicera wheeleri* 15 Mi S. Cuernavaca

Several mature ♀, immatures, eggs

" 5 " " 5 Mi S Cuernavaca XI-18-46

" 6 *Oligotoma sandersonii* Tamazunchale XI-23-46  
nesting heavily shaded, large tree trunks

" 7 *Oligotoma humbertiana* Acapulco XI-17-46  
near beach on base of trunk of wild  
Guava trees.

" 8 *Oligonotia* n. sp. 3 Mi W. Ixtlahuac  
N. Leon XI-9-46

under stones at edge of oak thicket  
El 4000 ft

" 9 3 ♀ wheeleri? (1 ♂ of *humbertiana* mixed)  
Huajuquila, Morelos XI-15-46

MEXICO 1946

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Culture 1 (1948)

## MEXICO 1948

60 miles S. Victoria Tamaulipas Mexico

(just south of Galeana Cyn.) x1-17-48

Low tropical forest with spiny agaves on ground

2 spp. Oligembia under loose bark of stumps  
near ground

Culture 2 (1948)

Crest of first ridge west of Antiguo Morelos,  
Tamaulipas, Mexico x1-18-48

Low tropical forest, sunny open exposure

1 spp. Oligembia very abundant under stones and  
matted leaves in shade of shrubs. Also under  
palm logs.

Culture 3 (1948)

Same locality but in shadey dark cyn.  
Embeds in and under bark of rotting log  
(always beneath log) x1-18-48 about 1000' E.

Oligembia

Culture 4 (1948)

26 mi E. Ciudad del Maiz, S.L.P. Mexico  
Oak Zone, numerous orchids about 3000' E.

x1-19-48

Mesembria numerous in burrows in rotting  
hollow of tree formerly site of honey bee  
nest removed by Mexicans.

Culture 5 (1948)

Above locality and date.

Oligembia <sup>wood of</sup> rather dry dead stumps  
along highway

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Cultures 6 and 7 (1948)

(2)

15 Mi. E. C de Mazatán XI-19-48 3500' E.O. (?)

Open grassy Oak zone (red soil)

Oligonotia and Mesembria amongst matted  
oak leaves and grass under stones

Culture 8 (1948)

2 mi. W. Valle de Guadalupe (about 10 mi.  
E. of Guadalajara) XI-21-48

grazing land with Mimosa and oaks

Helicoverpa (Postgelocra) under stones colonies  
fairly numerous but specimens rare because of  
dryness. Small culture. Adult males present.

Culture 9 (1948)

12 miles W. of Tequila (West of Guadalajara)

XI-22-48

grass and brush land

Humbertia under stones in culture

1 male Oligonotia (no culture)

Humbertia numerous in oak zone 30 mi  
S.E. Lepic XI-23-48 under stones

Culture 10 (1948)

36 mi S.E. Lepic, Nayarit XI-23-48

Pines with 2 spp oak esp. broad shiny leafy  
(+ or - 4000 ft El.)

Oligonotia (?) females in splintered oak stubs

Helicoverpa numerous under old oak bark

colonies conspicuous in lichens on outside  
but extend beneath. Numerous sclerogibbids.

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Culture 11 (1948)

③

5 Miles S.E. Rio Santiago Ferry, Nayarit  
xi-27-48 (el 300'?) colonies on bark of  
small trees on grassy palm-studded  
hill. May be hamiltonica which was very  
numerous every where.

Culture 12 (1948)

20 mi N.W. Tepic, Nayarit xi-28-48  
Tropical forest, heavily shaded. cut palm trunk in old  
Chelicera beetle holes one colony had 1 mature ♀  
another 2nd instar.

Pale ♂ of Oligomria collected here at earlier  
date but no colony seen.

Culture 13 (1948)

19 Miles S.E. Tepic, Nayarit xi-28-48  
Farm valley, colonies very numerous under  
lichen and bark flakes on sheltered surface  
of trunk of very large fig tree, reddish  
soot instar only

Culture 14 (1948)

20 Miles W. Jiquilpan, Jalisco  
Open grassy slope, cactus, <sup>mesquite</sup> etc. (plateau)  
Chelicera under stones 5 mature ♀s

Culture 15 (1948)

7 Mi. N.E. Colima, Colima xi-3-48  
Tropical streamside in agricultural  
area. Colonies rare in bark of giant  
fig Chelicera?

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Culture 16 (1948)

3 Mi S. Camanja, Michoacan XII-9-48  
Arid plateau grazing land cactus, mimosa  
etc. Helicercus numerous under stones, females  
and young only.

Culture 17 (1948)

12 Miles S. Cuernavaca, Morelos XII-9-48  
Arid hilltops white "morning glory" tree cactus  
etc. Wheeleria numerous under stones  
Helicercus n. sp. mixed in under stones

Culture 18 (1948)

5 Mi. N. Cuernavaca XII-8-48  
Lower Oak zone 1 embird found in  
oak bark crevice.

Culture 19 (1948)

45 Mi SE Cuernavaca ~~≈~~ (5 miles)  
N. Palacindo XII-9-48  
Red Helicercus under stones in arid country  
small culture 1 male in alcohol.

Culture 20 (1948)

8 Mi S Izucar de Matamoros,  
Puebla XII-10-48  
Elaeagnus jungle on hilltop  
embrids rare under stones; several spp.

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Culture 21 (1948)

⑤

9 Mi N. Amatlan Puebla XII-10-48

Cyn. in acid, low tropical scrub

(*Elaphrium*, giant cactus etc.)

Chelicera under stones (rare)

Culture 22 (1948)

Cyn de los Lobos (S.E. Cuernavaca) <sup>10 mi.</sup> XII-9-48

Elaphrium - oak jungle

wheeleri?

Culture 23 (1948)

Sierra Mixteca 12 Mi. S.E. Nochixtlan,  
Oaxaca XII-11-48 about 6000' ED

Oak - grassland, few pines, numerous bromeliads.

2 spp. under bark flakes and lichens on oak.

Culture 24 (1948)

ditto but under stones

Culture 25 (1948)

Monte Alfonso, Oaxaca XII-12-48

barren grass and cactus hill

Neorhagadocia very numerous and conspicuous

Chelicera present but rarer

Culture 25'

ditto but concentration of Chelicera

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Culture 26 (1948)

35 mi N.W. Nochistlán, Oaxaca ⑥ XII-13-48  
limestone cyn with Lecodium, cactus  
pepper trees, no oaks  
3 females of some sp. as culture 24

Culture 27 (1948)

40 Mi. N.W. Nochistlán, Oaxaca XII-13-48  
Desert hill side, giant cactus, mesquite etc.  
red Chelicera under stones very rare  
1 female 1 penult. male, young, eggs?

Culture 28 (1948)

Oaxaca - Puebla states border XII-13-48  
grassland with oaks & small palms  
limestone rocks  
red Chelicera under stones, rare  
1 female some young.

Culture 29 (1948)

2 Mi W Acultzingo, Vera Cruz.  
(near Orizaba) XII-14-48  
Open steppes hills at head of Orizaba  
valley Oligembia & Chelicera in bark  
of small trees 1 parasitized

Culture 30 (1948)

Río Metlac cyn near Fortín, Vera  
Cruz XII-15-48  
Very tropical forest and jungle  
Many species in culture

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Culture 31

Fortín, Vera Cruz XII-16-48

Mesembia colonies extensive in hanging basket orchids in gardens (all specimens died eggs may survive)

(7)

Culture 32

15 Km NW Potrero, Vera Cruz XII-16-48

Forest area colonies under mossy bark flakes of living tree in shade black Chilancia?

Culture 33

Same locality

Several spp from under vines and on bark of trees.

Culture 34

Same locality

Small digoninia in bark riven of 6" logs on ground, recently cut.

Culture 35

Same locality but near village

Extensive matted colonies on papery bark of tall Opuntia

Neorhynchodium

Same thing along road to main highway

3 Mi W. Potrero, Vera Cruz XII-17-48

Basal bark of dead giant fig tree

Digoninia and Neorhynchodium

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Culture 37

(8)

Metlal Cyn, Fortin, Ver. XII-18-48

3 cultures from bark cracks and moss

(one is from posts of Power house outlay kitchen)

Culture 38

3 Mi S. Jalapa, Ver. (on road to  
Coatepec) XII-18-48

2 sps Oligomelia in moss and lichens  
at base of large oak-like tree.

Culture 39

5 Mi E. Las Tijas, Ver. XII-19-48

Chilocerca in moss on bark of dead  
stumps and limbs of oaks growing  
in old lava flow among pines  
and alders some parasites 1 penult of

Culture 40 + 40'

Quinta Chilla, Tomazundale, S.L.P.

XII-21-48

Oligomelia in shaded bark of mango  
2 spp.

Culture 41

5 Mi N Tomazundale  
under twining vine on bark of  
living tree Passiflora

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## Embioptera of Mexico

### Embiidae

- ① *Neorhagadochus* - monte abajo
- ② " - Patrero
- ③ " n. sp. Lepisic

### Anisembidae

- ③ *Mesembia* - Loma ganchale
- ④ " - Patrero
- ⑤ " - Ciudad de Maiz
- ⑥ *Anisembia* texana
- ⑦ *Bulbocerca* sini
- ⑧ *Chelicurca* dampfi
- ⑨ " davisi
- ⑩ " nodulosa
- ⑪ " heymonsi
- ⑫ " Maban
- ⑬ " Mixteca (tree)
- ⑭ " (ground)
- ⑮ " Lepisic # 10
- ⑯ " Lepisic # hill tops
- ⑰ " Colima
- ⑱ " Cordoba (black)
- ⑲ " (nodulosa)
- ⑳ " Matamoros
- ㉑ " Oaxaca - Puebla
- ㉒ " rubra
- ㉓ " Rockefeller
- ㉔ " guadalajara

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- 25 Chelicerae *Jilelgynson*  
 - 26 " *wheeleri*  
 - 27 " *huajantlon*  
 - 28 " 5 Mi S. Cuernavaca  
 - 29 " black *Chilpancingo*  
 - 30 " " S. of Montamore  
 - 31 " large Acapulco  
 - 32 " *Xmiguson*  
 - 33 New Subgen. *Oligombinae*  
 - 34 *Oligombia* *torazondale*  
 - 35 " *terricola*  
 - 36 " *melanura*  
 - 37 " *Jalaysa*  
 - 38 " *sierra minteca*  
 - 39 " *quintana roo*  
 - 40 " *pacifica*  
 - 41 " *victoria*  
 - 42 " pale *torazondale*  
 - 43 " black "  
 - 44 " C - del Mij  
 - 45 " *Jalaysae*  
 - 46 " *Chiapasae*  
 - 47 " *Emarginata*  
 - 48 " *tolata*  
 - 49 *Oligotoma* " *pigra*  
 - 50 " *hamata*  
 - 51 " *sord.* 52 *Glyombia*

Oligosomia pluvannaei 12+

" bivittata 1

" unicolor 1

Idiosomia producta 7

Mesomibia aequatoria 1

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